

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LIST

FOR

RADIO FREQUENCY PLUG-IN, WEINSCHEL ENGINEERING COMPANY

MODEL 436A (NSN 4931-01-041-1589)

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REPORTING OF ERRORS

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Functional group	Group title	Model No.
		Part No.
6687	Radio Frequency Plug-In	436A
		--
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Section I. INTRODUCTION

1. Scope. This manual lists spares and repair parts that are required for maintenance of the Radio Frequency Plug-In, Weinschel Engineering Model 436A. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General. This repair parts and special tools list (RPSTL) is divided into the following sections:

a. Section I. Introduction.

b. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in National Stock Number (NSN) sequence.

c. Section III. NSN and Part Number Index. A list, in National Item Identification Number (NIIN) sequence, of all NSN's appearing in the listings, followed by a list in alphameric sequence of all part numbers appearing in the listings. NSN's and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) Figure Number. Indicates the figure number of the illustration on which the item is shown.

(2) Item Number. The number used to

identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) Source Code. Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA -	Item procured and stocked for anticipated or known usage.
PB -	Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply system.
PC -	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD -	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE -	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF -	Support equipment which will not be stocked but which will be centrally procured on demand.

PG - Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.

KD - An item of a depot overhaul/ repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.

KF - An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.

KB - Item included in both a depot overhaul/repair kit and a maintenance kit.

MO - Item to be manufactured or fabricated at organizational level.

MF - Item to be manufactured or fabricated at the direct support maintenance level.

MH - Item to be manufactured or fabricated at the general support maintenance level.

MD - Item to be manufactured or fabricated at the depot maintenance level.

AO - Item to be assembled at organizational level.

AF - Item to be assembled at direct support maintenance level.

AH - Item to be assembled at general support maintenance level.

AD - Item to be assembled at depot maintenance level.

XA - Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

XB - Item is not procured or stocked. If not available through salvage, requisition.

XC - Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.

XD - A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) Maintenance Code. Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code Application/Explanation

- C - Crew or operator maintenance performed within organizational maintenance.
- O - Support item is removed, replaced, used at the organizational level.
- F - Support item is removed, replaced, used at the direct support level.
- H - Support item is removed, replaced, used at the general support level.
- D - Support items that are removed replaced, used at depot, mobile depot, or specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code Application/Explanation

- O - The lowest maintenance level capable of complete repair of the support item is the organizational level.
- F - The lowest maintenance level capable of complete repair of the support item is the direct support level.
- H - The lowest maintenance level capable of complete repair of the support item is the general support level.

- D - The lowest maintenance level capable of complete repair of the support item is the depot level.
- L - Repair restricted to (enter applicable designated specialized repair activity), Specialized Repair Activity.
- Z - Nonreparable. No repair is authorized.
- B - No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) Recoverability Code. Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability Codes**Definition**

- Z - Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
- O - Reparable item. When uneconomically reparable, condemn and dispose at organizational level.
- F - Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.

- H - Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
- D - Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
- L - Repairable item. Repair, condemnation, and disposal not authorized below depot/ specialized repair activity level.
- A - Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/ directives for specific instructions.

c. National Stock Number (NSN). Indicates the NSN assigned to the item and which will be used for requisitioning.

d. Part Number. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the item received may

have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item. The physical security classification of the item is indicated by the parenthetical entry (insert applicable physical security classification abbreviation, e.g., Phy Sec C1 (C)Confidential, Phy Sec C1 (S)-Secret, Phy Sec C1 (T)-Top Secret). Items that are included in kits and sets are listed below the name of the kit or set with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column. When the part to be used differs between serial numbers of the same model, the effective serial numbers are shown as the last line of the description. In the Special Tools List, the initial basis of issue (BOI) appears as the last line in the entry for each special tool, special Test, Measurement, and Diagnostic Equipment (TMDE), and other special support equipment. When density of equipments supported exceeds density spread indicated in the BOI, the total authorization is increased accordingly.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of quantity indicates that no specific quantity is applicable (e.g., shims, spacers, etc).

4. Special Information

a. Repair parts for components of standards sets which can be identified as existing in the supply system will be requisitioned through normal supply channels from the appropriate supply commodity manager.

b. Repair parts for components of standards sets which cannot be identified as to proper supply source will be requisitioned from USAMIRCOM, using routing identifier B64 and furnishing as a minimum, the following as exception data.

(1) Component stock number of the individual end item to be repaired.

(2) Component manufacturer's equipment model number and serial number.

(3) The equipment manufacturer's stock number as listed in the appropriate manual for the desired repair part.

(4) The repair part reference designation, circuit reference, circuit symbol schematic designation, or reference number as listed in the manufacturer's manual.

(5) The technical specification of the repair part as contained in the appropriate manufacturer's manual.

(6) The title and date of the manufacturer's manual from which the information in paragraphs a, (3), (4), and (5) above was taken.

NOTE

Repair parts should not be

requisitioned for plug-in boards identified in the plug-in board exchange program, except by the depot designated to perform the repair. Repair of calibration set components, with plug-in board assemblies or subassemblies designated as program exchange replacements with a recoverability code of L, will be accomplished by replacing the plug-in board.

c. The plug-in board exchange program functions as follows:

(1) Requisitioning instructions for initial issue plug-in boards will be provided since new instrument boards are included in the program.

(2) As a plug-in board covered by the program fails, a replacement will be requisitioned. Requisitions will be submitted to Commander, US Army Missile Readiness Command, B64, Redstone Arsenal, AL 35809.

(3) Simultaneously with c(2) above, the defective board being replaced will be shipped by certified mail, return receipt requested, to the following address:

Transportation Officer
Anniston Army Depot
M/F Field Service Stock
Anniston, AL 36201

When requisitioning a replacement board, the turn-in document number of the replaced board shall be cited on the requisition.

5. How to Locate Repair Parts

a. When NSN or reference number is unknown:

(1) First. Using the table of contents, determine the assembly (functional group) within which the repair part belongs.

(2) Second. Using the repair parts listing, find the functional group to which the repair part belongs and locate the item by description.

b. When NSN or reference number is known:

(1) First. Using the index of NSN's and reference numbers, find the pertinent NSN or reference number. This index is in ascending NSN cross-referenced to the illustration figure number and item number.

(2) Second. Using the repair parts listing, find the figure and item number, and locate the figure and item number in the repair parts list.

6. Abbreviations. The abbreviations listed below may appear in this RPSTL:

AC -----alternating current
 ACC -----accordance
 ACCUR-----accuracy
 AL-----aluminum
 AMP-----ampere
 ASSY -----assembly
 ASTM-----American Standard for Testing
 Materiel
 ATTN-----attenuation
 AWG -----American Wire Gage
 BAN -----banana
 BLK-----black
 BR -----brass
 C-----centigrade, calibration, cycles per
 second
 CAL -----calibrate
 CAP -----capacitance
 CD-----code
 CER -----ceramic
 COAX-----coaxial
 COMP -----composition
 COND-----conductor
 CONN -----connector
 CONS-----consisting
 CONT-----continual
 COP-----copper
 COR-----corrosion

CPS -----cycles per second
 CU-----cubic
 CUR -----current
 CYL-----cylinder
 DB -----decibel
 DBL-----double
 DC -----direct current
 DEG -----degree
 DET -----detector
 DIA-----diameter
 DIM -----dimension
 DIV-----division
 DPDT -----double pole double throw
 DPL-----deployment
 ELEC-----electrical
 EQUIPM-----equipment
 F-----Fahrenheit
 FED-----Federal
 FIN-----finish
 FLG-----flange
 FREQ -----frequency
 FSCM -----Federal supply code for
 manufacturers
 FT -----foot
 GC -----gigacycles
 GEN -----generator
 GHZ -----gigahertz
 GPM-----gallons per minute
 GRAD-----graduation
 H -----high
 HD -----head
 HYDR -----hydraulic
 HZ -----hertz
 ID -----inside diameter
 IN -----inch
 INCL-----inclusive
 K -----thousand (prefix)
 KC -----kilocycles
 KG -----kilograms
 KHZ-----kilohertz
 KMHZ -----thousand megahertz
 KV-----kilovolts
 LAB-----laboratory
 LB -----pounds
 LG -----length
 LT -----light

M-----	thousand	RPM-----	revolutions per minute
MA-----	milliampere	S -----	single
MAX-----	maximum	SEC -----	seconds
MC-----	megacycles	SECT-----	section
MFD-----	millifarads	SERR -----	serrated
MFR-----	manufacturer	SHK -----	shank
MG -----	milligrams	SNG -----	single
MHZ-----	megahertz	SPEC -----	specification
MIN-----	minimum, minutes	SPL -----	special
ML -----	milliliters	SQ -----	square
MM -----	millimeters	STD -----	standard
MOD -----	modified	STGT -----	straight
MSEC-----	milliseconds	SW-----	switch
MTL -----	material	SWR -----	standing wave ratio
MV-----	millivolts	SYS-----	system
MW-----	milliwatts	TEL -----	telescopic
NBS-----	National Bureau Standards	TERM -----	terminal
NEG-----	negative	THD -----	thread
NO-----	number	THERM -----	thermometer
NOM -----	nominal	THK -----	thick
NPT -----	National Pipe Thread	TSTR-----	tester
NSN -----	National stock number	U -----	unit
OA-----	overall	UF -----	microfarads
OD-----	outside diameter	UHF -----	ultra high frequency
OPER-----	operating	V -----	volts
OZ -----	ounce	VAC -----	volts alternating current, vacuum
PCS -----	pieces	VDC -----	volts direct current
PCT -----	percent	VHF-----	very high frequency
PF -----	picofarads	VSWR -----	voltage standing wave ratio
PK -----	peck	W -----	watts, with, width
PLTD-----	plated	WT-----	weight
PN -----	part number		
POS-----	positive		
PP -----	peak-to-peak		
PSI -----	pounds per square inch		
PWR -----	power		
REF -----	reference		
REP -----	repetition		
REQ-----	required		
REQMTS -----	requirements		
RES -----	resistance		
RF -----	radio frequency		
RG-----	range		
RH-----	right hand		
RL -----	reel		
RM-----	rack mounted		
RMS-----	root mean square		
ROT-----	rotating		

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Section II. REPAIR PARTS LIST

TM 9-4931-514-34P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 6687 PLUG-IN, RADIO FREQUENCY 436A 93459		
						CONSISTING OF		
1	3	PAHZA	5910-00-113-5445	M39014-01-1339	81349	CAPACITOR, FIXED, CER 100PF 10 PCT 200V.....	EA	3
1	5	PAHZZ	5910-00-010-8498	N39014-01-1345	81349	CAPACITOR, FIXED, CER 220PF 10 PCT 200V.....	EA	3
1	9	PAHZZ	5910-00-107-7418	M39014-01-1572	81349	CAPACITOR, FIXED CER 6800PF.10PCT0.00V.....	EA	2
1	11	PAHZZ	5910-00-099-0538	M39014-02-1342	81349	CAPACITOR, FIXED, CER 0.022UF, 10PCT, 100V	EA	1
1	13	PAHZZ	5910-00-113-5471	M39014-01-1336	81349	CAPACITOR, FIXED, CER 68PF, 10PCT.200V	EA	1
1	14	PAHZZ	5910-00-113-9448	M39014-01-1354	81349	CAPACITOR, FIXED, CER 680PF.10PC, 200V.....	EA	1
1	15	PAHZZ	5910-00-098-9242	M39014-01-1566	81349	CAPACITOR, FIXED, CER 3300PF, 10PCT, 100V.....	EA	10
1	16	PAHZZ	5910-00-113-9817	M39014-02-1345	81349	CAPACITOR, FIXED, CER 0.047UF, 10PCT, 100V	EA	1
1	17	PAHZZ	5910-00-124-0659	M39014-01-1575	81349	CAPACITOR, FIXED, CER 0.0LUF, 10PCT, 100V	EA	7
1	18	PAHZZ	5910-00-113-5328	M39014-01-1342	81349	CAPACITOR, FIXED, CER 150PF.10PCT, 200V	EA	2
1	19	PAHZZ	5910-00-113-5277	M39014-01-1563	81349	CAPACITOR, FIXED, CER 2200PF, 10PCT 100V.....	EA	4
1	20	PAHZZ	5910-00-113-5276	M39014-01-1351	81349	CAPACITOR, FIXED, CER 470PF, 10PCT.200V.....	EA	6
1	21	PAHZZ	5910-00-010-8666	M39014-01-1357	81349	CAPACITOR, FIXED, CER 1000PF, 10PCT.200V.....	EA	3
1	22	PAHZZ	NOT ASSIGNED	M39014-01-1338	81349	CAPACITOR, FIXED, CER 82 PF, 10PCT, 200V	EA	1
1	23	PAHZZ	5910-00-112-4337	M39014-01-1321	81349	CAPACITOR, FIXED, CER 10PF.10PCT, 20V	EA	2
1	24	PAFZZ	4931-01-065-8984	B139-316-2	93459	CIRCUIT CARD ASSY HEAT EXCHANGER A11	EA	1
1	25	PAHHH	4931-01-065-8975	B139-111	93459	CIRCUIT CARD ASSY AUX REF SUPPLY, A3	EA	1
1	26	PDHLL	4931-01-066-0053	B16-106	93459	CIRCUIT CARD ASSY SOLID STATE OSCILLATOR.A5	EA	1
1	27	PDHLL	4931-01-065-8974	C139-168-4	93459	CIRCUIT CARD ASSY LEVEL, A1	EA	1
1	28	PAFZZ	4931-01-065-8983	B139-559-4	93459	CIRCUIT CARD ASSY AUXILIARY BOARD, A12	EA	1
1	35	PAHZZ	NOT ASSIGNED	1D028-1	22915	LIGHT EMITTING	EA	2
1	37	PAHZZ	5962-00-412-1023	CA3046	54590	MICROCIRCUIT, LINEAR.....	EA	1
1	39	PAHZZ	5962-00-284-6650	L01344	14933	MICROCIRCUIT, LINEAR.....	EA	2
1	41	PAHZZ	5962-00-369-7739	M38510/030048CB	81349	MICROCIRCUIT, DIGITA.....	EA	1
1	43	PAHZZ	5905-00-116-8556	RCR07G223JS	81349	RESISTOR, FIXED, C0MP 22K.5PCT, .250W	EA	8
1	45	PAHZZ	5905-00-451-7518	RNC60H1961FS	81349	RESISTOR, FIXED, FILM 1.96K.1PCT 125W	EA	2
1	47	PAHZZ	5905-00-105-7764	RCR07G222JS	81349	RESISTOR, FIXED, C0MP 2.2K.5PCT, .250W	EA	13
1	49	PAHZZ	5905-00-359-5421	3006P1-202	80294	RESISTOR, VARIABLE 2K.....	EA	1
1	51	PAHZZ	5905-00-471-6253	RNC60H1212FS	81349	RESISTOR, FIXED, FILM 12.1K, 1PCT 125W	EA	1
1	53	PAHZZ	5905-00-135-6046	RCR07G681JS	81349	RESISTOR, FIXED, C0MP 6800HM, 5SPCT, .250W	EA	1
1	55	PAHZZ	5905-00-899-7896	J609-10003F	17745	RESISTOR, FIXED, FILM 750K, 1PCT, .125W	EA	2
1	57	PAHZZ	5905-01-059-1058	RN60C7503F	81349	RESISTOR, FIXED, FILM 750K, 1PCT 125W	EA	3
1	59	PAHZZ	5905-00-150-0991	RNC60H1301FM	81349	RESISTOR, FIXED, FILM 2K;5PCT, .250W	EA	1
1	61	PAHZZ	5905-00-111-1679	RCR07G512JR	81349	RESISTOR, FIXED, C0MP 5.1K, KPCT, .250W	EA	2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
1	63	PAHZZ	5905-00-114-0708	RCR07G202JS	81349	RESISTOR, FIXED, COMP 2K, 5PCT, .250W	EA	1
1	65	PAHZZ	5905-00-107-0656	RCR07G100JS	81349	RESISTOR, FIXED, COMP 10 0HM, 5PCT, .250W	EA	5
1	67	PAHZZ	5905-00-194-8405	RNC60H4991FS	81349	RESISTOR, FIXED, FILM 499K, 1PCT 125W	EA	1
1	69	PAHZZ	5905-00-126-6683	RCR07G332JS	81349	RESISTOR, FIXED, COMP 3.3K, 5PCT, .250W	EA	11
1	71	PAHZZ	5905-00-138-7558	RCR42G510JS	81349	RESISTOR, FIXED, COMP 51 0HM, 5 PCT, 2 W	EA	2
1	73	PAHZZ	5905-00-116-8566	RCR20G680JS	81349	RESISTOR, FIXED, COMP 68 0HM, .5PCT, .5W	EA	1
1	75	PAHZZ	5905-00-196-5586	RNC60H3322FS	81349	RESISTOR, FIXED, FILM 33.2K, 1PCT, .125W	EA	1
1	77	PAHZZ	5905-00-721-3306	RNC60H7682FS	81349	RESISTOR, FIXED, FILM 76.8K, 1PCT 125W	EA	1
1	79	PAHZZ	5905-00-228-6096	RCR32G560JS	81349	RESISTOR, FIXED, COMP 56 0HM, 5PCT.1W	E	1
1	81	PAHZZ	5905-00-104-8369	RCR07G362JS	81349	RESISTOR, FIXED, COMP 3.6K, 5PCT.Z250W	EA	1
1	83	PAHZZ	5905-00-121-9932	RCR07G391JS	81349	RESISTOR, FIXED, COMP 39 0HM, 5PCT, .250W	EA	3
1	85	PAHZZ	5905-00-141-1132	RCR07G752JS	81349	RESISTOR, FIXED, COMP 87.5 0HM, 1PCT.12W	EA	1
1	87	PAHZZ	5905-00-111-1678	RCR07G564JS	81349	RESISTOR, FIXED, COMP 560K, 5PCT, .250W	EA	2
1	89	PAHZZ	5905-00-105-7768	RCR07G561JS	81349	RESISTOR, FIXED, COMP 560 0HM.5PCT, .250W	EA	3
1	91	PAHZZ	5905-00-126-6683	RCR07G332JS	81349	RESISTOR, FIXED, COMP 3.3K, 5PCT 250W	EA	8
1	93	PAHZZ	5905-00-104-8363	RCR07G820JS	81349	RESISTOR, FIXED, COMP 820HH.5PCT, .250W	EA	1
1	95	PAHZZ	5905-00-850-7126	BWH1-1	75042	RESISTOR, FIXED, WIRE 0HM, 5PCT, 2W	EA	1
1	97	PAHZZ	5905-01-040-4634	3006P-1-504	80294	RESISTOR, VARIABLE 500K	EA	1
1	99	PAHZZ	5905-00-401-8690	RNC60H4753FS	81349	RESISTOR, FIXED, FILM 475K.1PCT, .125W	EA	4
1	101	PAHZZ	5905-00-485-4545	RCR07G334JS	81349	RESISTOR, FIXED, COMP 330K, 5PCT, .250W	EA	3
1	103	PAHZZ	5905-00-106-1357	RCR07G563JS	81349	RESISTOR, FIXED, COMP 56K, 5 PCT 250W	EA	2
1	105	PAHZZ	5905-00-114-5339	RCR07G154JS	81349	RESISTOR, FIXED, COMP 150K, 5 PCT, .250W	RA	3
1	107	PAHZZ	5905-00-147-1394	RNC60J1000BS	81349	RESISTOR, FIXED, FILM 100 0HM 0.1PCT, .125W	EA	1
1	109	PAHZZ	5905-00-152-9711	RNC60J2433BS	81349	RESISTOR, FIXED, FILM 243K, .1PCT, .125W	EA	4
1	111	PAHZZ	5905-00-120-9154	RCR07G471JS	81349	RESISTOR, FIXED, COMP 4700HM, 5PCT, .250W	EA	9
1	113	PAHZZ	5905-00-119-8768	RCR07G821JS	81349	RESISTOR, FIXED, COMP 820HM, 5PCT, .250	EA	3
1	115	PAHZZ	5905-00-126-6710	RCR07G185JS	81349	RESISTOR, FIXED, COMP 1.8M, 5PCT, .250W	EA	2
1	117	PAHZZ	5905-00-106-1274	RCR20G911JS	81349	RESISTOR, FIXED, COMP 910 0HM.5PCT, .5W	EA	1
1	119	PAHZZ	5905-00-935-8544	RCR20G181JS	81349	RESISTOR, FIXED, COMP 180 0HN.5PCT, .5W	EA	1
1	121	PAHZZ	5905-00-165-3153	RNC60H1502FS	81349	RESISTOR, FIXED, FILM 15K, 1PCT, .125W	EA	1
1	123	PAHZZ	5905-00-138-1283	RNC60H1002FS	81349	RESISTOR, FIXED, FILM 10K, 1PCT, .125W	EA	3
1	125	PAHZZ	5905-00-483-4128	RNC60H2151FS	81349	RESISTOR, FIXED, FILM 2.15K, 1PCT, .125W	EA	1
1	127	PAHZZ	5905-00-007-1903	RNC60H6041FS	81349	RESISTOR, FIXED, FILM 6.04K.1PCT 125W	EA	1
1	129	PAHZZ	5905-00-228-5506	RCR07G622JS	81349	RESISTOR, FIXED, FILM 6.2K, .5PCT, .25W	EA	1
1	131	PAHZZ	5905-00-118-4559	RCR07G333JS	81349	RESISTOR, FIXED, COMP 3.3K, .5PCT, .25W	EA	4
1	133	PAHZZ	5905-00-114-0711	RCR07G472JS	81349	RESISTOR, FIXED, COMP 4.7K, .5PCT, .25W	EA	11
1	135	PAHZZ	5905-00-119-3504	RCR07G273JS	81349	RESISTOR, FIXED, COMP 27K, .5PCT, .25W	EA	1
1	137	PAHZZ	5905-00-141-0744	RCR07GS62JS	81349	RESISTOR, FIXED, COMP 5.6K, .5PCT, .25W	EA	3
1	139	PAHZZ	5905-00-141-0744	RCR07G562JS	81349	RESISTOR, FIXED, COMP 5.6K, .5PCT, .25W	EA	4
1	141	PAHZZ	5905-00-401-8689	RNC60H2213FS	81349	RESISTOR, FIXED, FILM 221K, 1PCT, .125W	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
1	143	PAHZZ	5905-00-115-8055	RCR07G393JS	81349	RESISTOR, FIXED, COMP 39K, 5PCT, .250W	EA	1
1	145	PAHZZ	5905-00-136-3890	RCR07G513JS	81349	RESISTOR, FIXED, COMP 51K, 5PCT, .250W	EA	2
1	147	PAHZZ	5905-00-758-3381	RNC60H6812FS	81349	RESISTOR, FIXED, FILM 68.1K, 1PCT, .125W	EA	1
1	149	PAHZZ	5905-00-375-1051	3006P1-104	80294	RESISTOR, VARIABLE 100K	EA	1
1	151	PAHZZ	5905-00-121-9919	RCR07G106JS	81349	RESISTOR, FIXED, COMP 10M, .5PCT, .250W	EA	1
1	153	PAHZZ	5905-00-106-9356	RCR07G203JS	81349	RESISTOR, FIXED, COMP 20K, .5PCT, .250W	EA	3
1	155	PAHZZ	5905-00-106-3666	RCR07G103JS	81349	RESISTOR, FIXED, COMP 20K, .5PCT, .250W	EA	15
1	157	PAHZZ	5905-00-400-4528	RCR07G124JS	81349	RESISTOR, FIXED, COMP 120K, .5PCT, .25W	EA	1
1	159	PAHZZ	5905-00-110-7622	RCR07G682JS	81349	RESISTOR, FIXED, COMP 6.8K, .5PCT, .25W	EA	3
1	161	PAHZZ	5905-00-252-1671	RCR07G225JS	81349	RESISTOR, FIXED, COMP 2.2M, .5PCT, .250W	EA	1
1	163	PAHZZ	5905-00-141-0717	RCR07G473JS	81349	RESISTOR, FIXED, COMP 47K, .5PCT, .25W	EA	3
1	165	PAHZZ	5905-00-428-5385	3006P1-204	80294	RESISTOR, VARIABLE, N 200K	EA	1
1	167	PAHZZ	5905-00-119-3505	RCR07G683JS	813491	RESISTOR, FIXED, COMP 68K, 5PCT, .25W	EA	1
1	169	PAHZZ	5905-00-110-0388	RCR07G104JS	81349	RESISTOR, FIXED, COMP 100K, 5PCT, .250W	EA	4
1	171	PAHZZ	5905-00-576-5262	RWRB9S1R40FR	81349	RESISTOR, FIXED, WIRE 1.40HM, 1PCT, 3W	EA	1
1	173	PAHZZ	5905-00-141-0743	RCR07G392JS	81349	RESISTOR, FIXED, COMP 3.9K, 5PCT, .25W	EA	1
1	175	PAHZZ	5905-00-113-7346	RCR32G470JS	81349	RESISTOR, FIXED, COMP 47 0HM, 5PCT, .1W	EA	1
1	179	PAHZZ	5905-00-105-7767	RCR07G474JS	81349	RESISTOR, FIXED, COMP 470K, .25W	EA	1
1	181	PAHZZ	5905-00-106-1280	RCR20G6R8JS	81349	RESISTOR, FIXED, COMP 6.80HM, 5PCT, .5W	EA	1
1	183	PAHZZ	5905-00-481-1960	3009P1-201	80294	RESISTOR, VARIABLE, N 200 0HM	EA	1
1	185	PAHZZ	5905-00-295-5160	RNC60H4120FS	81349	RESISTOR, FIXED, FILM 412 0HM, 1PCT, .125	EA	1
1	187	PAHZZ	5905-00-759-8925	RNC60H1740FS	81349	RESISTOR, FIXED, FILM 1.74K, 1PCT, .125W	EA	1
1	191	PAHZZ	5905-00-004-6077	RNC60H1020FS	81349	RESISTOR, FIXED, FILM 1.02K, 1PCT, .12.125W	EA	1
1	195	PAHZZ	5905-00-153-4592	RNC60H3160FS	81349	RESISTOR, FIXED, FILM 316 0HM, 1PCT, .125W	EA	1
1	197	PAHZZ	5905-00-114-0710	RCR07G331JS	81349	RESISTOR, FIXED, COMP 33000HM, 5PCT, .5W	EA	1
1	199	PAHZZ	5905-00-141-0727	RCR20G201JS	81349	RESISTOR, FIXED, COMP 200 0HM, 5PCT, .5W	EA	1
1	201	PAHZZ	5905-00-110-7620	RCR07G102JS	81349	RESISTOR, FIXED, COMP 1K, 5PCT, .250W	EA	13
1	203	PAHZZ	5905-00-106-1356	RCR07G152JS	81349	RESISTOR, FIXED, COMP 1.5K, 5PCT, .250W	EA	9
1	205	PAHZZ	5905-00-116-8555	RCR07G153JS	81349	RESISTOR, FIXED, COMP 15K, 5PCT, .250W	EA	2
1	207	PAHZZ	5905-00-141-1183	RCR07G101JS	81349	RESISTOR, FIXED, COMP 100 0HM, 5PCT, .250W	EA	2
1	209	PAHZZ	5905-00-135-3973	RCR07G221JS	81349	RESISTOR, FIXED, COMP 220 0HM, .5PCT, .250W	EA	4
1	211	PAHZZ	5905-00-114-5343	RCR07G182JS	81349	RESISTOR, FIXED, COMP 1.8K, 5PCT, .250W	EA	3
1	213	PAHZZ	5905-00-119-8811	RCR07G151JS	81349	RESISTOR, FIXED, COMP 150 0HM, 5PCT, .125W	EA	8
1	215	PAHZZ	5905-00-008-8354	RNC60H8450FS	81349	RESISTOR, FIXED, FILM 845 0HMH, 1PCT, .125W	EA	1
1	217	PAHZZ	5961-00-763-4710	22N4045	80131	SEMICONDUCTOR, DEVIC	EA	2
1	219	PAHZZ	5961-00-845-6458	JAN1N756A	81349	SEMICONDUCTOR, DEVIC	EA	1
1	221	PAHZZ	5961-00-022-7632	1N4744A	80131	SEMICONDUCTOR, DEVIC	EA	1
1	223	PAHZZ	5961-00-105-7731	JAN1N4383	81349	SEMICONDUCTOR, DEVIC	EA	2
1	225	PAHZZ	5961-00-752-6121	JAN1N753A	81349	SEMICONDUCTOR, DEVIC	EA	2
1	227	PAHZZ	5961-00-938-5254	1N4749A	80131	SEMICONDUCTOR, DEVIC	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
1	229	PAHZZ	5961-00-556-2091	JAN1N270	81349	SEMICONDUCTOR, DEVIC	EA	2
1	231	PAHZZ	5961-00-105-5559	1N4441	80131	SEMICONDUCTOR, DEVIC	EA	1
1	233	PAHZZ	5961-00-892-0734	JAN1N483B	81349	SEMICONDUCTOR, DEVIC	EA	40
1	235	PAHZZ	5961-00-483-4544	7701005-000	21101	SEMICONDUCTOR, DEVIC	EA	35
1	237	PAHZZ	NOT ASSIGNED	321967	59433	SEMICONDUCTOR, DEVIC	EA	2
1	239	PAHZZ	5961-00-162-1595	MPSU06	04713	TRANSISTOR.....	EA	1
1	241	PAHZZ	5961-00-996-2121	2N4092	80131	TRANSISTOR.....	EA	2
1	243	PAHZZ	5961-00-162-1597	MPSU56	04713	TRANSISTOR.....	EA	1
1	245	PAHZZ	5961-00-124-0117	2N4403	04713	TRANSISTOR.....	EA	27
1	247	PAHZZ	5961-00-873-3660	MJE105	04713	TRANSISTOR.....	EA	1
1	249	PAHZZ	5961-00-124-0113	2N4401	80131	TRANSISTOR.....	EA	31
1	251	PAHZZ	5961-00-214-3612	MJE205	04713	TRANSISTOR.....	EA	1

SECTION III. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

SECTION III: NATIONAL STOCK NUMBER AND PART NUMBER INDEX				SECTION III: NATIONAL STOCK NUMBER AND PART NUMBER INDEX				
STOCK NUMBER	FIGURE	ITEM	STOCK NUMBER	FIGURE	ITEM	STOCK NUMBER	FIGURE	ITEM
	NO.	NO.		NO.	NO.		NO.	NO.
5905-00-004-6077	1	191	5905-00-135-6046	1	53	5905-00-007-1903	1	145
5905-00-007-1903	1	127	5905-00-136-3890	1	123	5905-00-008-8354	1	71
5905-00-008-8354	1	215	5905-00-138-1283	1	163	5910-00-010-8498	1	199
5910-00-010-8498	1	5	5905-00-138-7558	1	173	5910-00-010-8666	1	137
5910-00-010-8666	1	21	5905-00-141-0717	1	139	5961-00-022-7632	1	85
5961-00-022-7632	1	221	5905-00-141-0727	1	207	5910-00-098-9242	1	107
5910-00-098-9242	1	15	5905-00-141-0743	1	59	5905-00-104-8363	1	109
5905-00-104-8363	1	93	5905-00-141-0744	1	195	5905-00-104-8369	1	239
5905-00-104-8369	1	81	5905-00-141-0744	1	243	5961-00-105-5559	1	121
5961-00-105-5559	1	231	5905-00-141-1132	1	67	5961-00-105-7731	1	75
5961-00-105-7731	1	223	5905-00-141-1183	1	251	5905-00-105-7764	1	129
5905-00-105-7764	1	47	5905-00-147-1394	1	79	5905-00-105-7767	1	161
5905-00-105-7767	1	179	5905-00-150-0991	1	39	5905-00-105-7768	1	185
5905-00-105-7768	1	89	5905-00-152-9711	1	49	5905-00-106-1274	1	41
5905-00-106-1274	1	117	5905-00-153-4592	1	149	5905-00-106-1280	1	157
5905-00-106-1280	1	181	5961-00-162-1595	1	141	5905-00-106-1356	1	157
5905-00-106-1356	1	203	5961-00-162-1597	1	141	5905-00-106-1357	1	141
5905-00-106-1357	1	103	5905-00-165-3153	1	99	5905-00-106-3666	1	37
5905-00-106-3666	1	155	5905-00-194-8405	1	165	5905-00-106-9356	1	45
5905-00-106-9356	1	153	5905-00-196-5586	1	51	5905-00-107-0656	1	183
5905-00-107-0656	1	65	5961-00-214-3612	1	125	5910-00-107-7418	1	235
5910-00-107-7418	1	9	5905-00-228-5506	1	101	5905-00-110-0388	1	101
5905-00-110-0388	1	169	5905-00-228-6096	1	229	5905-00-110-7620	1	171
5905-00-110-7620	1	201	5905-00-252-1671	1	77	5905-00-110-7622	1	225
5905-00-110-7622	1	159	5962-00-284-6650	1	147	5905-00-111-1678	1	187
5905-00-111-1678	1	87	5905-00-295-5160	1	219	5905-00-111-1679	1	247
5905-00-111-1679	1	61	5905-00-359-5421	1	233	5910-00-112-4337	1	55
5910-00-112-4337	1	23	5962-00-369-7739	1	119	5910-00-113-5276	1	119
5910-00-113-5276	1	20	5905-00-375-1051	1	227	5910-00-113-5277	1	241
5910-00-113-5277	1	19	5905-00-400-4528	1	57	5910-00-113-5328	1	27
5910-00-113-5328	1	18	5905-00-401-8689	1	25	5910-00-113-5445	1	28
5910-00-113-5445	1	3	5905-00-401-8690	1	24	5910-00-113-5471	1	95
5910-00-113-5471	1	13	5962-00-412-1023	1	41	5905-00-113-7346	1	25
5905-00-113-7346	1	175	5905-00-428-5385	1	16	5910-00-113-9448	1	63
5910-00-113-9448	1	14	5905-00-451-7518	1	131	5910-00-113-9817	1	197
5910-00-113-9817	1	16	5905-00-471-6253	1	133	5905-00-114-0708	1	105
5905-00-114-0708	1	63	5905-00-481-1960	1	105	5905-00-114-0710	1	211
5905-00-114-0710	1	197	5905-00-483-4128	1	143	5905-00-114-0711	1	205
5905-00-114-0711	1	133	5961-00-483-4544	1	43	5905-00-114-5339	1	73
5905-00-114-5339	1	105	5905-00-485-4545	1	135	5905-00-114-5343	1	167
5905-00-114-5343	1	211	5961-00-556-2091	1	113	5905-00-119-3504	1	113
5905-00-115-8055	1	143	5905-00-576-5262	1	213	5905-00-119-3505	1	111
5905-00-116-8555	1	205	5905-00-721-3306	1	83	5905-00-119-8768	1	249
5905-00-116-8556	1	43	5905-00-752-6121	1	17	5905-00-119-8768	1	69
5905-00-116-8566	1	73	5905-00-758-3381	1	91	5905-00-119-8811	1	115
5905-00-118-4559	1	131	5905-00-759-8925	1	115	5905-00-120-9154	1	209
5905-00-119-3504	1	135	5961-00-845-6458	1	83	5905-00-121-9932	1	17
5905-00-119-3505	1	167	5961-00-873-3660	1	249	5905-00-126-6683	1	17
5905-00-119-8768	1	113	5961-00-892-0734	1	69	5905-00-126-6683	1	91
5905-00-119-8811	1	213	5905-00-899-7896	1	115	5905-00-126-6710	1	209
5905-00-120-9154	1	111	5905-00-935-8544	1	17			
5905-00-121-9932	1	83	5961-00-938-5254	1	69			
5961-00-124-0113	1	249	5961-00-996-2121	1	91			
5910-00-124-0659	1	17	5905-01-059-1058	1	115			
5905-00-126-6683	1	69	4931-01-065-8974	1	209			
5905-00-126-6683	1	91	4931-01-065-8975	1	17			
5905-00-126-6710	1	115	4931-01-065-8983	1	69			
5905-00-135-3973	1	209	4931-01-065-8984	1	115			
PART NUMBER	FSCM	FIG.	ITEM	PART NUMBER	FSCM	FIG.	ITEM	
		NO.	NO.			NO.	NO.	
BWH1-1	75042	1	95	MPSU56	04713	1	243	
B139-111	93459	1	25	M38510/03004BCB	81349	1	41	
B139-316-2	93459	1	24	M39014-01-1321	81349	1	23	
B139-559-4	93459	1	28	M39014-01-1336	81349	1	13	
B16-106	93459	1	26	M39014-01-1338	81349	1	22	
CA3046	54590	1	37	M39014-01-1339	81349	1	3	
C139-168-4	93459	1	27	M39014-01-1342	81349	1	18	
JAN1N270	81349	1	229	M39014-01-1345	81349	1	5	
JAN1N4383	81349	1	223	M39014-01-1351	81349	1	20	
JAN1N483B	81349	1	233	M39014-01-1354	81349	1	14	
JAN1N753A	81349	1	225	M39014-01-1357	81349	1	21	
JAN1N756A	81349	1	219	M39014-01-1563	81349	1	19	
J609-10003F	17745	1	55	M39014-01-1566	81349	1	15	
L01344	14933	1	39	M39014-01-1572	81349	1	9	
MJE105	04713	1	247	M39014-01-1575	81349	1	17	
MJE205	04713	1	251	M39014-02-1345	81349	1	16	
MPSU06	04713	1	239	RCR07G100JS	81349	1	65	

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
RCR07G101JS	81349	1	207	RCR20G181JS	81349	1	119
RCR07G102JS	81349	1	201	RCR20G201JS	81349	1	199
RCR07G103JS	81349	1	155	RCR20G6R8JS	81349	1	181
RCR07G104JS	81349	1	169	RCR20G680JS	81349	1	73
RCR07G106KM	81349	1	151	RCR20G911JS	81349	1	117
RCR07G124JS	81349	1	157	RCR32G470JS	81349	1	175
RCR07G151JS	81349	1	213	RCR32G560JS	81349	1	79
RCR07G152JS	81349	1	203	RCR42G510JS	81349	1	71
RCR07G153JS	81349	1	205	RNC60H1002FS	81349	1	123
RCR07G154JS	81349	1	105	RNC60H1020FS	81349	1	191
RCR07G182JS	81349	1	211	RNC60H1212FS	81349	1	51
RCR07G185JS	81349	1	115	RNC60H1301FN	81349	1	59
RCR07G202JS	81349	1	63	RNC60H1502FS	81349	1	121
RCR07G203JS	81349	1	153	RNC60H1740FS	81349	1	187
RCR07G221JS	81349	1	209	RNC60H1961FS	81349	1	45
RCR07G222JS	81349	1	47	RNC60H2151FS	81349	1	125
RCR07G223JS	81349	1	43	RNC60H2213FS	81349	1	141
RCR07G225JS	81349	1	161	RNC60H3160FS	81349	1	195
RCR07G273JS	81349	1	135	RNC60H3322FS	81349	1	75
RCR07G331JS	81349	1	197	RNC60H4120FS	81349	1	185
RCR07G332JS	81349	1	69	RNC60H4753FS	81349	1	99
RCR07G332JS	81349	1	91	RNC60H4991FS	81349	1	67
RCR07G333JS	81349	1	131	RNC60H6041FS	81349	1	127
RCR07G334JS	81349	1	101	RNC60H6812FS	81349	1	147
RCR07G362JS	81349	1	81	RNC60H7682FS	81349	1	77
RCR07G391JS	81349	1	83	RNC60H8450FS	81349	1	215
RCR07G392JS	81349	1	173	RNC60J1000BS	81349	1	107
RCR07G393JS	81349	1	143	RNC60J2433BS	81349	1	109
RCR07G471JS	81349	1	111	RN60C7503F	81349	1	57
RCR07G472JS	81349	1	133	RWR89S1R40FR	81349	1	171
RCR07G473JS	81349	1	163	1D028-1	22915	1	35
RCR07G474JS	81349	1	179	1N4441	80131	1	231
RCR07G512JR	81349	1	61	1N4744A	80131	1	221
RCR07G513JS	81349	1	145	1N4749A	80131	1	227
RCR07G561JS	81349	1	89	2N4092	80131	1	241
RCR07G562JS	81349	1	137	2N4401	80131	1	249
RCR07G562JS	81349	1	139	2N6067	04713	1	245
RCR07G563JS	81349	1	103	22N4045	80131	1	217
RCR07G564JS	81349	1	87	3006P-1-504	80294	1	97
RCR07G622JS	81349	1	129	3006P1-104	80294	1	149
RCR07G681JS	81349	1	53	3006P1-202	80294	1	49
RCR07G682JS	81349	1	159	3006P1-204	80294	1	165
KCR07G683JS	81349	1	167	3009P1-201	80294	1	183
RCR07G752JS	81349	1	85	321967	59433	1	237
RCR07G820JS	81349	1	93	7701005-000	21101	1	235
RCR07G821JS	81349	1	113				

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